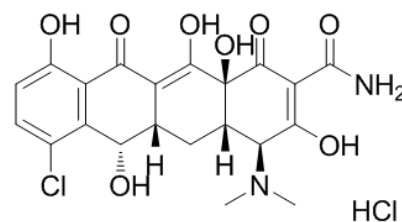


Product Name : Demeclocycline hydrochloride
Cat. No. : PC-45351
CAS No. : 64-73-3
Molecular Formula : $C_{21}H_{22}Cl_2N_2O_8$
Molecular Weight : 501.314
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

A tetracycline antibiotic that acts by binding to the 30S ribosomal subunit to inhibit binding of aminoacyl tRNA which impairs protein synthesis by bacteria; also inhibits the renal action of antidiuretic hormone by interfering with the intracellular second messenger cascade.

References

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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